

28 Rec'd PCT/PTO 15 JAN 1998

FORM PTO-1390
(REV. 5-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
196-1142TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. 60/100,008

INTERNATIONAL APPLICATION NO. PCT/DK96/00302	INTERNATIONAL FILING DATE July 4, 1996	PRIORITY DATE CLAIMED July 15, 1995
TITLE OF INVENTION Axial Piston Micropump		
APPLICANT(S) FOR DO/EO/US Ole Ploug, Jakob Bøgh Poulsen and Christian Peter Enggaard		

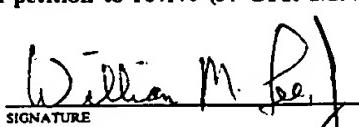
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 37 U.S.C. 371(b) and PCT Articles 22 and 39(1)).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or information:

Submission of Formal Drawings

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50)	INTERNATIONAL APPLICATION NO. PCT/DK96/00302	ATTORNEY'S DOCKET NUMBER 196-1142	
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS	PTO USE ONLY
Basic National Fee 37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO \$930.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) . \$720.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$790.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1070.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$98.00			
ENTER APPROPRIATE BASIC FEE AMOUNT		\$1070.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(e)).			
Claims	Number Filed	Number Extra	Rate
Total Claims	19 - 20 =	0	X \$22.00
Independent Claims	1 - 3 =	0	X \$82.00
Multiple dependent claim(s) (if applicable)		+ \$270.00	0
TOTAL OF ABOVE CALCULATIONS		1070.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).			
SUBTOTAL		1070.00	
Processing fee of \$130.00 for furnishing the English translation later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(f)).			
TOTAL NATIONAL FEE		1070.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ --	
TOTAL FEES ENCLOSED		1070.00	
		Amount to be refunded:	
		Charged	
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1070.00</u> to cover the above fees is enclosed.			
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>12-0913</u> in the amount of \$ <u> </u> to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-0913</u> . A duplicate copy of this sheet is enclosed.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.			
SEND ALL CORRESPONDENCE TO: William M. Lee, Jr. Lee, Mann, Smith, McWilliams, Sweeney & Ohlson P.O. Box 2786 Chicago, Illinois 60690-2786 (312) 368-1300			
 SIGNATURE William M. Lee, Jr. NAME 26,935 REGISTRATION NUMBER			



01/15/98
Jc572 U.S. PTO

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE THE APPLICATION OF)
Ole Ploug, Jakob Bøgh Poulsen and)
Christian Peter Enggaard)
SERIAL NO.: To be Assigned)
FILED: Herewith)
FOR: Axial Piston Micropump)

FILING OF PCT - U.S. NATIONAL FILING PHASE

"Express Mail" mailing label number

EM 172 802 066 US

Date of deposit: January 15, 1998

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Mattie M. Williams

(Typed or printed name of person mailing paper or fee)

Mattie M. Williams
(Signature of person mailing paper or fee)

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SUBMISSION OF FORMAL DRAWINGS

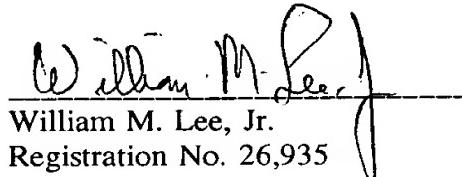
Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Submitted herewith are four sheet(s) of formal drawings for the above-identified application.

January 15, 1998

Respectfully submitted,



William M. Lee, Jr.
Registration No. 26,935

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Sweeney & Ohlson
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